

a second plurality of piezoelectric elements for generating a second electrical signal in proportion to the force on the proof mass along the first direction;

an electrical circuit connected to the first piezoelectric element for applying the first electrical signal.

24. (Original) The acceleration sensor of claim 23, further comprising a feedback circuit for feeding back a portion of the second electrical signal to the first plurality of piezoelectric elements.

25. (Original) The solid-state acceleration sensor device of claim 23, wherein the piezoelectric material is a thin-film piezoelectric material with a thickness of less than 10 microns and includes conductive electrodes placed on approximately opposite sides such that application of the electrical signal to the conductive electrodes causes a longitudinal variation of the thin-film piezoelectric material.

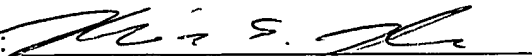
Remarks

Claims 1-20 are pending in the present application. Consideration of the present application and a favorable office action are respectfully requested. If a telephone conference would be helpful in resolving any remaining issues, please contact the undersigned at 612-752-7367.

Respectfully submitted,

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Date: August 20, 2004

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